

B0283WO-SeqList.txt  
SEQUENCE LISTING

&lt;110&gt; Universite Bordeaux 2

&lt;120&gt; Peptides and Peptidomimetics binding to CD23

&lt;130&gt; B0283WO

&lt;140&gt;

&lt;141&gt;

&lt;160&gt; 52

&lt;170&gt; PatentIn version 3.2

&lt;210&gt; 1

&lt;211&gt; 7

&lt;212&gt; PRT

&lt;213&gt; Artificial

&lt;220&gt;

&lt;223&gt; CD23 binding peptide

&lt;400&gt; 1

Phe His Glu Asn Trp Pro Ser  
1 5

&lt;210&gt; 2

&lt;211&gt; 7

&lt;212&gt; PRT

&lt;213&gt; Artificial

&lt;220&gt;

&lt;223&gt; CD23 binding peptide

&lt;400&gt; 2

Phe His Glu Phe Trp Pro Thr  
1 5

&lt;210&gt; 3

&lt;211&gt; 7

&lt;212&gt; PRT

&lt;213&gt; Artificial

&lt;220&gt;

&lt;223&gt; CD23 binding peptide

&lt;400&gt; 3

Phe His Ser Gln Trp Pro Asn  
1 5

&lt;210&gt; 4

&lt;211&gt; 6

&lt;212&gt; PRT

&lt;213&gt; Artificial

&lt;220&gt;

&lt;223&gt; CD23 binding peptide

&lt;400&gt; 4

Phe His Glu Asn Trp Pro

## B0283W0-SeqList.txt

1

5

<210> 5  
<211> 7  
<212> PRT  
<213> Artificial

<220>  
<223> CD23 binding peptide

<400> 5

Phe His Glu Asn Trp Pro Thr  
1 5

<210> 6  
<211> 7  
<212> PRT  
<213> Artificial

<220>  
<223> CD23 binding peptide

<400> 6

Phe His Glu Gln Trp Pro Ser  
1 5

<210> 7  
<211> 6  
<212> PRT  
<213> Artificial

<220>  
<223> CD23 binding peptide

<400> 7

His Glu Asn Trp Pro Ser  
1 5

<210> 8  
<211> 6  
<212> PRT  
<213> Artificial

<220>  
<223> CD23 binding peptide

<400> 8

His Lys Asn Trp Pro Ser  
1 5

<210> 9  
<211> 7  
<212> PRT  
<213> Artificial

<220>  
<223> CD23 binding peptide

<400> 9

## B0283WO-SeqList.txt

His Glu Asn Trp Pro Ser Phe  
1 5

<210> 10  
<211> 7  
<212> PRT  
<213> Artificial  
  
<220>  
<223> CD23 binding peptide  
  
<400> 10

Phe His Lys Pro Trp Arg Ala  
1 5

<210> 11  
<211> 21  
<212> DNA  
<213> Artificial  
  
<220>  
<223> nucleotide sequence encoding CD23 binding peptide  
  
<400> 11  
tttcatgaga attggccttc g

21

<210> 12  
<211> 21  
<212> DNA  
<213> Artificial  
  
<220>  
<223> nucleotide sequence encoding CD23 binding peptide  
  
<400> 12  
tttcatgagt ttggcctac c

21

<210> 13  
<211> 21  
<212> DNA  
<213> Artificial  
  
<220>  
<223> nucleotide sequence encoding CD23 binding peptide  
  
<400> 13  
tttcattcgc agtggcctaa c

21

<210> 14  
<211> 18  
<212> DNA  
<213> Artificial  
  
<220>  
<223> nucleotide sequence encoding CD23 binding peptide  
  
<400> 14  
tttcatgaga attggcct

18

<210> 15

## B0283WO-SeqList.txt

<211> 21  
<212> DNA  
<213> Artificial  
  
<220>  
<223> nucleotide sequence encoding CD23 binding peptide  
  
<400> 15  
tttcatgaga attggcctac c 21  
  
<210> 16  
<211> 21  
<212> DNA  
<213> Artificial  
  
<220>  
<223> nucleotide sequence encoding CD23 binding peptide  
  
<400> 16  
tttcatgagc agtggccttc g 21  
  
<210> 17  
<211> 18  
<212> DNA  
<213> Artificial  
  
<220>  
<223> nucleotide sequence encoding CD23 binding peptide  
  
<400> 17  
catgagaatt ggccttcg 18  
  
<210> 18  
<211> 18  
<212> DNA  
<213> Artificial  
  
<220>  
<223> nucleotide sequence encoding CD23 binding peptide  
  
<400> 18  
cataagaatt ggccttcg 18  
  
<210> 19  
<211> 21  
<212> DNA  
<213> Artificial  
  
<220>  
<223> nucleotide sequence encoding CD23 binding peptide  
  
<400> 19  
catgagaatt ggccttcggtt t 21  
  
<210> 20  
<211> 21  
<212> DNA  
<213> Artificial  
  
<220>  
<223> nucleotide sequence encoding CD23 binding peptide  
  
<400> 20

B0283WO-SeqList.txt

tttcataagc cttggagggc c

21

<210> 21  
<211> 7  
<212> PRT  
<213> Artificial

<220>  
<223> CD23 binding peptide

<400> 21

Phe His Glu Ser Trp Pro Pro  
1 5

<210> 22  
<211> 7  
<212> PRT  
<213> Artificial

<220>  
<223> CD23 binding peptide

<400> 22

Phe His Glu Phe Trp Pro Leu  
1 5

<210> 23  
<211> 7  
<212> PRT  
<213> Artificial

<220>  
<223> CD23 binding peptide

<400> 23

Phe His Ser Gln Trp Pro Gly  
1 5

<210> 24  
<211> 6  
<212> PRT  
<213> Artificial

<220>  
<223> CD23 binding peptide

<220>  
<221> misc\_feature  
<222> (4)..(4)  
<223> Xaa can be tetrahydroisoquinoline-3-carboxylic  
acid, 4' indolyl alanine, or beta tryptophan

<400> 24

His Glu Asn Xaa Pro Ser  
1 5

<210> 25  
<211> 6

## B0283WO-SeqList.txt

<212> PRT  
<213> Artificial

<220>  
<223> CD23 binding peptide

<400> 25

His Asn Glu Trp Pro Ser  
1 5

<210> 26  
<211> 5  
<212> PRT  
<213> Artificial

<220>  
<223> CD23 binding peptide

<400> 26

His Glu Asn Trp Pro  
1 5

<210> 27  
<211> 6  
<212> PRT  
<213> Artificial

<220>  
<223> CD23 binding peptide

<400> 27

His Glu Pro Trp Arg Ser  
1 5

<210> 28  
<211> 6  
<212> PRT  
<213> Artificial

<220>  
<223> CD23 binding peptide

<400> 28

His Pro Asn Trp Arg Ser  
1 5

<210> 29  
<211> 6  
<212> PRT  
<213> Artificial

<220>  
<223> CD23 binding peptide; all amino acids are D-form

<400> 29

Ser Pro Trp Asn Glu His  
1 5

## B0283WO-SeqList.txt

<210> 30  
<211> 6  
<212> PRT  
<213> Artificial

<220>  
<223> CD23 binding peptide

<400> 30

His Cys Asn Trp Cys Ser  
1 5

<210> 31  
<211> 6  
<212> PRT  
<213> Artificial

<220>  
<223> CD23 binding peptide

<400> 31

His Glu Asn Trp Lys Ser  
1 5

<210> 32  
<211> 6  
<212> PRT  
<213> Artificial

<220>  
<223> CD23 binding peptide

<220>  
<221> misc\_feature  
<222> (5)..(5)  
<223> Xaa can be 1-amino cyclopentane-1-carboxylic acid, beta alanine,  
N-methyl glycine, or 1-(amino methyl) cyclopentane-1-carboxylic  
acid

<400> 32

His Glu Asn Trp Xaa Ser  
1 5

<210> 33  
<211> 7  
<212> PRT  
<213> Artificial

<220>  
<223> CD23 binding peptide

<400> 33

His Glu Asn Trp Pro Ser Gly  
1 5

<210> 34  
<211> 6  
<212> PRT  
<213> Artificial

## B0283WO-SeqList.txt

<220>  
<223> CD23 binding peptide

<400> 34

His Glu Asn Trp Gly Ser  
1 5

<210> 35  
<211> 6  
<212> PRT  
<213> Artificial

<220>  
<223> CD23 binding peptide

<400> 35

His Glu Asn Trp Glu Ser  
1 5

<210> 36  
<211> 7  
<212> PRT  
<213> Artificial

<220>  
<223> CD23 binding peptide

<400> 36

Phe His Glu Asn Trp Glu Ser  
1 5

<210> 37  
<211> 7  
<212> PRT  
<213> Artificial

<220>  
<223> CD23 binding peptide

<400> 37

Phe His Glu Asn Trp Pro Ala  
1 5

<210> 38  
<211> 7  
<212> PRT  
<213> Artificial

<220>  
<223> CD23 binding peptide

<400> 38

Phe His Glu Asn Trp Ala Ser  
1 5

<210> 39  
<211> 7



## B0283WO-SeqList.txt

<212> PRT  
<213> Artificial

<220>  
<223> CD23 binding peptide

<400> 39

Phe His Glu Asn Ala Pro Ser  
1 5

<210> 40  
<211> 7  
<212> PRT  
<213> Artificial

<220>  
<223> CD23 binding peptide

<400> 40

Phe His Glu Ala Trp Pro Ser  
1 5

<210> 41  
<211> 7  
<212> PRT  
<213> Artificial

<220>  
<223> CD23 binding peptide

<400> 41

Phe His Ala Asn Trp Pro Ser  
1 5

<210> 42  
<211> 7  
<212> PRT  
<213> Artificial

<220>  
<223> CD23 binding peptide

<400> 42

Phe Ala Glu Asn Trp Pro Ser  
1 5

<210> 43  
<211> 7  
<212> PRT  
<213> Artificial

<220>  
<223> CD23 binding peptide

<220>  
<221> misc\_feature  
<222> (6)..(6)  
<223> xaa can be beta alanine or the D-form of  
proline

## B0283WO-SeqList.txt

&lt;400&gt; 43

Phe His Glu Asn Trp Xaa Ser  
1 5

&lt;210&gt; 44

&lt;211&gt; 6

&lt;212&gt; PRT

&lt;213&gt; Artificial

&lt;220&gt;

&lt;223&gt; CD23 binding peptide

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (5)..(5)

<223> Xaa can be beta alanine, the D-form of  
tryptophan, or tetrahydronorharman-3-carboxylic acid

&lt;400&gt; 44

Phe His Glu Asn Xaa Ser  
1 5

&lt;210&gt; 45

&lt;211&gt; 7

&lt;212&gt; PRT

&lt;213&gt; Artificial

&lt;220&gt;

&lt;223&gt; CD23 binding peptide

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (4)..(4)

<223> Xaa can be beta alanine or the D-form of  
asparagine

&lt;400&gt; 45

Phe His Glu Xaa Trp Pro Ser  
1 5

&lt;210&gt; 46

&lt;211&gt; 7

&lt;212&gt; PRT

&lt;213&gt; Artificial

&lt;220&gt;

&lt;223&gt; CD23 binding peptide

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (3)..(3)

&lt;223&gt; Xaa is beta alanine

&lt;400&gt; 46

Phe His Xaa Asn Trp Pro Ser  
1 5

## B0283WO-SeqList.txt

<210> 47  
<211> 7  
<212> PRT  
<213> Artificial

<220>  
<223> CD23 binding peptide

<220>  
<221> misc\_feature  
<222> (2)..(2)  
<223> Xaa can be beta alanine or the D-form of histidine

<400> 47

Phe Xaa Glu Asn Trp Pro Ser  
1 5

<210> 48  
<211> 6  
<212> PRT  
<213> Artificial

<220>  
<223> CD23 binding peptide

<400> 48

His Glu Gln Trp Pro Ser  
1 5

<210> 49  
<211> 6  
<212> PRT  
<213> Artificial

<220>  
<223> CD23 binding peptide

<400> 49

Arg Glu Asn Trp Pro Ser  
1 5

<210> 50  
<211> 6  
<212> PRT  
<213> Artificial

<220>  
<223> CD23 binding peptide

<400> 50

His Gln Asn Trp Pro Ser  
1 5

<210> 51  
<211> 6  
<212> PRT  
<213> Artificial

## B0283WO-SeqList.txt

&lt;220&gt;

&lt;223&gt; CD23 binding peptide

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (5)..(5)

&lt;223&gt; xaa is 1-amino cyclopentane-1-carboxylic acid

&lt;400&gt; 51

His Glu Gln Trp Xaa Ser

1

5

&lt;210&gt; 52

&lt;211&gt; 7

&lt;212&gt; PRT

&lt;213&gt; Artificial

&lt;220&gt;

&lt;223&gt; CD23 binding peptide

&lt;400&gt; 52

Ser Pro Trp Asn Glu His Phe

1

5